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PCT

PATENT

Attorney Docket No. 39573.830003.004
Express Mail Label No. EL379006147US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

ALLAIRE, et al.

Serial No. 09/673,922

Filed: October 20, 2000

For: HYBIRD MAGNETICALLY SUSPENDED AND
ROTATED CENTRIFUAL PUMPING APPARATUS
AND METHOD

Examiner:

Art Unit:
5C10

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20 MAY 2001

Legal Staff
International DivisionCERTIFICATE OF MAILING BY EXPRESS MAILAssistant Commissioner for Patents
Washington, DC 20231

Sir:

The undersigned hereby certifies that the enclosed

1. Information Disclosure Statement;
2. Form PTO-1449;
3. References;
4. Return Card;

and this Certificate of Mailing by Express Mail relating to the above application, were deposited as "Express Mail", Mailing Label No. EL379006147US with the United States Postal Service, addressed to Assistant Commissioner for Patents, Washington, DC, 20231, on May 14, 2001.

May 14 2001

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INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

Pursuant to 37 C.F.R. § 1.97 the Examiner may wish to consider the references listed on the attached PTO Form-1449. These references were cited either by the Applicant or Examiner during prosecution of the corresponding applications U.S. Serial No. 08/850,598 filed May 2, 1997 now Issued Patent 6,074,180; U.S. Serial No. 09/064,352 filed April 22, 1998; PCT Application No. PCT/US97/07566; and PCT Application No. PCT/US99/08870. In submitting these references for the Examiner's consideration, no representation is made or implied that the references are or are not material the examination of this application. The Examiner is encouraged to make his or her own determination of materiality. Copies of the references are provided, together with a copy of (2) two International Search Reports in which references were cited from.

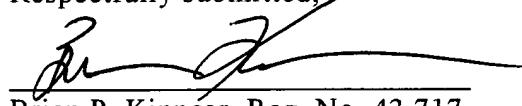
We are enclosing an English Abstract for Japanese Patent No. 404148095 filed May 21, 1992 for the Examiner's convenience.



This Information Disclosure Statement is being filed pursuant to 37 C.F.R. § 1.97 (b), before issuance of a first office action in the case. Thus no petition fee is believed required. However, any fees associated with this communication may be charged to Deposit Account No. 08-2623.

Signed at Denver, Colorado, this 14 day of May, 2001.

Respectfully submitted,



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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(Modified) PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.
39573.830003.004

SERIAL NO.
09/673,922

APPLICANT: ALLAIRE, et al.

FILING DATE
October 20, 2000

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,135,253	1/23/79	Reich et al.			
	4,589,822	5/20/86	Clausen et al.			
	4,688,998	8/25/87	Olsen et al.			
	4,880,362	11/14/89	Laing et al.			
	5,017,103	5/21/91	Dahl			
	5,044,897	9/3/91	Dorman			
	5,055,005	10/8/91	Kletschka			
	5,112,202	5/12/92	Oshima et al.			
	5,195,877	3/23/93	Kletschka			
	5,470,208	11/28/95	Kletschka			
	5,507,629	4/16/96	Jarvik			
	5,685,700	11/11/97	Izraelev			
	5,840,070	11/24/98	Wampler			
	6,074,180	6/13/00	Khanwilker, et al.			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLISHED DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		JP 404148095	5/21/1992	Japan			abstract	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.